The Maryland Fruit Grower

OFFICIAL PROGRAM NUMBER

For

THIRTY SEVENTH ANNUAL MEETING

of

THE MARYLAND STATE HORTICULTURAL SOCIETY

JANUARY 2-3-4, 1935

December, 1934

Mr. Fruit Grower . . .

SERVICE

Without good, trained service, the best machine in the world is of little value when it needs repairs.

We are equipped to handle your Service promptly at a reasonable cost on any product we sell.

"Bean" Sprayers, Washers, Graders
"Caterpillar" Tractors
Case Farm Machinery
Killifer Discs
Weed Hogs

Lupton Orchard Service Co.

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Winchester, - - - Virginia

The Maryland Fruit Grower

PUBLISHED MONTHLY BY

The Maryland State Horticultural Society

Edited by the Secretary, A. F. Vierheller, Extension Horticulturist

Vol. 4 December, 1934 No. 12

PROGRAM

Thirty-Seventh Annual Meeting

The Maryland State Horticultural Society

Horticultural Building, University of Maryland
College Park

Wednesday, Thursday, and Friday, January 2, 3, and 4, 1935
Meetings begin at 1:30 P. M., Wednesday, January 2, 1935

As usual, the program has been designed to consider the fruit growers' immediate problems—those problems which have caused trouble during the past season—and also to look ahead toward the problems and trends of the future. The speakers are well known in the field of research and commercial fruit-growing. Bring your questions. Get all that you can from the meetings. Time is allowed for full discussion.

Don't be sorry that you missed these meetings. Plan now, to be present. There are good topics every day. Why not plan to be present at every session?

College Park is located on Washington-Baltimore Boulevard (U. S. Route 1), about 10 miles from Washington, D. C., and 31 miles from Baltimore. Conveniently reached by Greyhound Bus. Plenty of parking space, if you drive your own car.

There will be commercial exhibits of orchard supplies and machinery; a fruit exhibit; and educational exhibits. Time is allowed to see all of these. Meals will be served in the building.

Good rooms are available at nearby tourist homes at 75c and $1.00 per person. Meetings close in time, on Friday, to allow all to return home that evening.

The Annual Dinner will be held Thursday evening at 6:30. Don't miss it.

BE ON TIME. You may miss something. Stay as long as you can. Bring your neighbor. These meetings are open to all fruit growers everywhere.

SEE IT ALL BEFORE YOU GO HOME

PROGRAM

WEDNESDAY, JANUARY 2nd

1:30 p. m.

Call to Order

President Raymond Hanson, Ellicott City, Maryland.

Report of Secretary-Treasurer

Mr. A. F. Vierheller, College Park, Maryland.

President's Annual Address

Mr. Raymond Hanson, Ellicott City, Maryland.

2:00 p. m.

What Time of Year and What Kind of Nitrogen Fertilizer Should We Apply to the Orchard?

Dr. A. Lee Schrader, Research Pomologist, Dept. of Horticulture, University of Maryland, College Park, Maryland.

3:00 p. m.

Prevention of Russeting and Fruit Cracking in the Apple

Dr. J. H. Gourley, Chairman, Department of Horticulture, Ohio State University, Columbus, Ohio.

4:00 p. m.

Our Experience in Orchard Fertilization and Prevention of Russeting and Cracking of Apples

Mr. H. W. Miller, Fruit Grower, Paw Paw, West Virginia.

5:00 p. m.

Inspection of Exhibits

6:00 p. m.

Buffet Supper in Horticultural Building

WEDNESDAY NIGHT PROGRAM ON PAGE 8

REMEMBER THE ANNUAL DINNER, THURSDAY EVENING

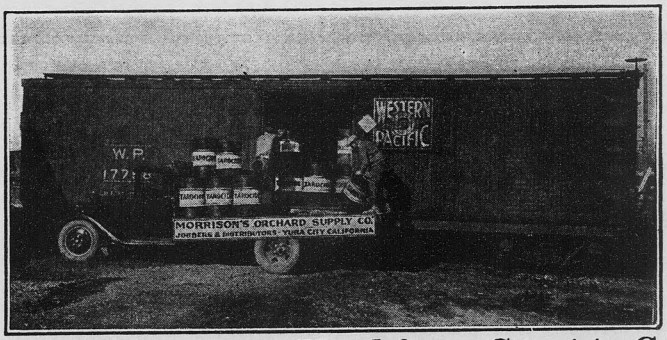
NOTES

"AHEAD of the PARADE"
IN ORCHARD SPRAYING

CENTRAL CHEMICAL CO. ESTABLISHED 1885 GRO-ALL SPRAYS BALTIMORE, MD.

TAROCIDE

The most economical and effective Winter Wash for Aphis, Scale, Pear Psylla, Red Mite, Bud Moth and other insects. TAROCIDE has been giving satisfactory results for six years—the oldest and best known Tar Oil Spray in America. You take no chances on using this tested and proven Tar Oil. Its results are always invigorating and positive.



"Grow-All" Products Used from Coast to Coast

Largest Grinders of Commercial Sulphur—300 Mesh Superfine Sulphur, in the Baltimore Area.

"GROW-ALL" OIL EMULSION

The leading Oil Spray for Scale control. Mixes readily with Lime Sulphur Solution, Bordeaux and Nicotine.

CENCO FLOWABLE EMULSION

A reasonably priced, milk-white, free-flowing Emulsion containing Special Refined Petroleum Oil of proper viscosity.

ROTENONE DUST AND ROTENONE SPRAY

ROTENONE DUSTS and SPRAYS are the safest to use on your vegetable crops. Eliminates the danger of arsenical residue. Contains no Lead, Arsenic, Copper or Fluorine, yet is a positive control of most insects on truck crops such as cabbage worms, cucumber beetles, bean beetles, asparagus beetles, potato bugs, plant lice, etc. Our ROTENONE DUSTS and SPRAYS have been outstanding in their effectiveness.

COPPER - ARSENICALS - SULPHUR

A Spray or Dust for Every Purpose

CENTRAL CHEMICAL COMPANY, Inc.

BALTIMORE, MARYLAND

Factories:

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BOSTON, MASS.

Apple Boxes

Box Liners

Shredded Oil Paper

WE MAKE TRUCK DELIVERIES

ORTHO PRODUCTS

Dependable Sprays for Every Purpose

DORMANT OIL SPRAYS

Flowable Kleenup
Kleenocil (mineral oil-cresylic acid)
Kleenup-Tar Oil Emulsion
Ortho Straight Tar Oil Emulsion
Ortho Miscible Oil

SUMMER OR FOLIAGE OIL SPRAYS

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Coposil (Colloidal Copper Fungicide)
Ortho Dry Spreader (Colloidal)

Products proven by satisfactory use at reasonable prices—available in every fruit section.

California Spray Chemical Corp.

214 West 14th Street **New York, N. Y.**

Complete Orchard . . . Equipment

Wholesale-Retail

Cod-O-Cide Tree Bands
Pruning Shears, Saws and Files
Tree Wound Protection
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Spray and Dust Materials
Atlacide (Noxious Weed Killer)
Power and Hand Sprayers and Dusters
Spray Hose, Guns, Nozzles, etc.
Ladders and Orchard Crates
Fruit Picking Bags, Pickers Tickets
Stamps—Stencils—Ink
Graders and Packing House Supplies

Write For Full List of Orchard Supplies

SEE OUR EXHIBIT AT COLLEGE PARK

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FLORA DALE, PA.

Growers Everywhere Acclaim "Astringent Lead"

ORCHARD BRAND "ASTRINGENT" ARSENATE of LEAD, with two seasons of intensive commercial use behind it, has given a clean cut demonstration of consistently greater killing power. You have only to inquire of your own fellow growers who used it. Their opinion will be as enthusiastic as our own—and convincingly positive... General Chemical Company, 40 Rector Street, New York...Sales Offices in Principal Cities.

ORCHARD BRAND
SPRAY and DUST Materials

Oil Emulsion "83"
Lime Sulphur Solution
Dry Lime Sulphur
Bordeaux Mixture
"Apple Dritomic" or Dritomic Sulphur
Arsenate of Lead
"Astringent" Arsenate of Lead
Zinc Arsenical
Calcium Arsenate
Arsenite of Zinc
Nicotine Sulphate
Paradichlorobenzene
Paris Green
Rotenone Dust
X-13 (Pyrethrum Extract)

Bordeaux, Arsenical & Sulphur Dust Mixtures

ORCHARD BRAND

REG. U.S. PAT. OFF.

SPRAY *and* DUST MATERIALS

For Prompt Service Address District Sales Office:

1 SOUTH BROAD STREET

PHILADELPHIA, PA.

PROGRAM

WEDNESDAY, JANUARY 2nd

7:00 p. m.

Differences in Amount of Rosy Apple Aphis Infestations in 1933 and 1934 with Reasons, and Methods of Control

Dr. B. A. Porter, Bureau of Entomology, U. S. Department of Agriculture, Washington, D. C.

8:00 p. m.

Safe Usage of Sulphurs in Disease Control

Dr. P. D. Peterson, Research Pathologist, Freeport Sulphur Co., New York, N. Y.

THURSDAY MORNING PROGRAM ON PAGE 14

REMEMBER THE ANNUAL DINNER, THURSDAY EVENING

"FRIEND"

Tested Improvements Added to A Sound Basic Design.

"The most Dependable Pump Built" according to records of thousands of growers who have used "Friend" side by side with sprayers of other makes.

RELIABLE—Far more important than the latest "new wrinkle" that can be designed for any machine is the **Proven Reliability** of the outfit.

"FRIEND" MANUFACTURING COMPANY
Gasport, N. Y.

Represented by

Industrial Tractor & Equipment Company
Baltimore, Maryland

KEEP THIS PROGRAM FOR FUTURE REFERENCE

RTR

Packing Supplies

TRY THE RTR
BASKET CUSHION

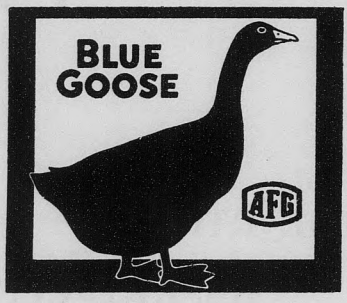
and learn why so many apple
and peach packers use them.

RICE, TREW AND RICE CO.
Biglerville, Penna.

A NATION WIDE MARKETING SERVICE

—for—

FRUIT GROWERS



BLUE GOOSE STANDS TODAY AS ALWAYS FOR QUALITY

AMERICAN FRUIT GROWERS

INCORPORATED

Appalachian Division

Hagerstown, - - Maryland

"SUNSET"
OILED APPLE WRAPS
For Boxed Apples

"SUNSET"
SHREDDED OIL PAPER
For Barrels, Hampers and Baskets

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12 lb. Basis 18% Saturation, U. S. P. Oil

ODORLESS, TASTELESS AND PURE

PREVENTS AND CONTROLS SCALD

Insures your fruit and makes marketing early or late in good condition possible. Decorates your container and assures highest prices.

—SOLE DISTRIBUTOR—

Fred C. Strype

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STOCKS CARRIED IN ALL GROWING DISTRICTS

Insist upon the genuine—look for the label on the carton

McCORMICK DEERING

TRACTORS

15 Different Models — New and Used

FARM MACHINERY

Complete Line — New and Used

ACCESSORIES

Shovels	Scythes	Chains
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"Friend"

Dusters — Sprayers

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Complete Line of International Harvester Company's Parts in Stock

Other Lines Furnished Promptly

All orders over $15.00 Delivered (NO CHARGE)

Machinery completely assembled and demonstrated on your place before purchase (NO CHARGE)

INDUSTRIAL TRACTOR & EQUIPMENT CO.

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FRUIT GROWERS

FOR DORMANT SPRAY

—USE—

TAR-OL-GO, free flowing (non-freezing), Tar Oil Distillate of proper analysis, in combination with Petroleum Oil 150/200 viscosity. A proven dormant spray for Aphis, Scale, Red Mite, Bud Moth, Pear Psylla and other insects.
TAR-ALPHA, straight Tar, free flowing (non-freezing) for Aphis control.

SOCO OIL EMULSION 83%, paste (non-freezing) for Scale control.

SOCO OIL EMULSION 66%, free flowing (non-freezing) for Scale control.

Also manufacture and distribute

"Hy-Grade" Lime-Sulphur Solution, Sulphurs, Wettable Sulphurs, Lead, Nicotine, Bordeaux, and Complete Line of Sprays

Cyanamid and Chilean Nitrate
Carload and Less

Call at our Booth, see demonstration and be convinced of the merit of our materials. Names of the largest growers using these materials will be cheerfully given.

HAGERSTOWN SPRAY MATERIAL CO.
HAGERSTOWN, MARYLAND

SOUTHERN CHEMICAL CO.
WINCHESTER, VIRGINIA

PROGRAM

THURSDAY, JANUARY 3rd

10:00 a. m.

Possibilities of Orchard Irrigation in Eastern Apple Culture

Dr. John R. Magness, Bureau of Plant Industry, U. S. Department of Agriculture, Washington, D. C.

10:45 a. m.

Cork Injuries and Internal Breakdown of Apples

Dr. D. F. Fisher, Bureau of Plant Industry, U. S. Department of Agriculture, Washington, D. C.

11:30 a. m.

Our Experiences in Irrigating Orchards and Our Observations on Cork Injury

Mr. E. C. McFadden, American Fruit Growers, Hagerstown, Maryland.

Buffet Lunch in Horticultural Building

Inspection of Exhibits

THURSDAY AFTERNOON PROGRAM ON PAGE 18

REMEMBER THE ANNUAL DINNER, THURSDAY EVENING

THINGS TO SEE

COMMERCIAL EXHIBITS

Orchard Tools
Packing Materials
Spray Materials
Fertilizers

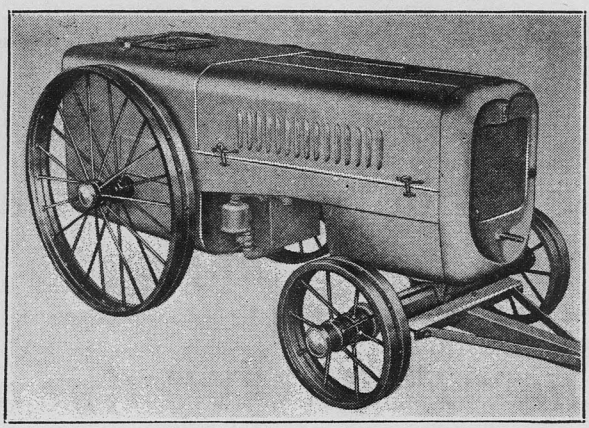
MACHINERY EXHIBITS

Sprayers
Washers
Dusters
Tractors
Tillage Tools

EDUCATIONAL EXHIBITS

Fruit Variety Display—By Horticultural Department
Fruit Maturity Studies—By Horticultural Department
Fruit Washing Studies—By Horticultural Department
Fruit Grading and Packing Displays—By Md. Dept. of Markets
Fruit Disease Exhibit—By Pathology Department
Entomology Exhibit—By Students Entomology Club and Entomology Department
Graduate Student Research Exhibits—By Graduate Club Members

MORE MEMBERS MAKE A STRONGER HORTICULTURAL SOCIETY



ARMORED AGAINST EVERY ENEMY—BEAN ROYAL ARMORED SPRAYERS—Every enemy that has been cutting grower's profits, slowing up operations, wasting spray material, wearing out too soon and otherwise squandering hard earned dollars.

ALWAYS A LEADER IN THE FIELD—THE BEAN ARMORED SPRAYER now becomes the marvel sprayer—your profit protector—with increased pressure and greater capacities, economy that you hardly believed possible, longer life that makes one sprayer worth two common sprayers—everything that increases efficiency and lessens costs.

CARRIES THE FAMOUS ROYAL PUMP—All enclosed—has a leakless all steel tank proofed against corrosion—an all steel sprayer throughout—with less operating weight, shorter and narrower with lower center of gravity—and countless other improvements that offer you the greatest sprayer value of a lifetime.

A SPRAYER YOU WILL BE PROUD TO OWN AND USE—Surely a crowning achievement for BEAN'S 50 years of spray pump leadership. The Royal Armored sprayer in addition to our standard Royal line offers the greatest comparative sprayer value. Our Royal Standard line of machines is selling this year at reduced prices because of greatly increased production caused by universal preference for the economical performance of Bean Royal Sprayers. A sprayer for any size orchard from the smallest to largest at prices you can afford.

JOHN BEAN MFG. CO.

15 Hosmer Street — Lansing, Mich.

Division Food Machinery Corporation

104 W. Julian Street — San Jose, Calif.

ARMORED AGAINST EVERY ENEMY

Flotation Sulphur

—produced by—

The Public Service Gas and Electric Company

CAMDEN, N. J.

is the "FERROX" type of sulphur

Ferrox flotation sulphur is one of three such types produced, but is the only one containing "ferric oxide". It has been definitely shown that Ferrox flotation sulphur is the best fungicide (1); and that the ferric oxide while adhering to the leaf surface also retains the acid lead arsenate particles with which they are intimately mixed (2).

(1) Phytopathology: Vol. 20, No. 7, M. A. Smith, University of Illinois.

Treatment	Average per cent scab		
	light	severe	total
Ferrox flotation sulphur 5 lbs to 50 gal.	2.63	0.30	2.93
Thylox flotation sulphur 5 lbs to 50 gal.	6.07	2.80	8.87
Nickel floation sulphur 5 lbs. to 50 gal.	7.10	3.50	10.8

(2) N. J. Agri. Exp. Station Bul. 468, Dr. Joseph M. Ginsburg, Studies of Arsenical Injuries and Correctives.

"The spray mixture containing ferric oxide as corrective exhibited remarkable adhesion to peach and apple foliage." "Chemical analyses of sprayed leaves have shown that considerable more arsenic remained on apple foliage from sprays containing ferric oxide than from sprays containing hydrated lime as correctives".

• ROSY APHIS
• BUD MOTH
• SCAB

GET ALL THREE WITH ONE SPRAYING

Use "Black Leaf 40" with Lead Arsenate and Lime-Sulphur, in the "delayed dormant" spray. It is not necessary to apply "Black Leaf 40" as a separate spray. Saves time and labor costs. Recommendations by Federal and State Experiment Stations to provide ample assurance. Green aphis, red-bug and leaf-hopper are pests that dwarf and gnarl the crop. "Black Leaf 40" added to the standard calyx spray kills them—by contact and fumes.

CODLING MOTH COVER SPRAYS

"Black Leaf 40" added to stomach poison sprays, especially at the brood peaks, improves control. Stomach poisons kill worms after they eat. "Black Leaf 40" kills them before they eat; hence reduces stings. And, a few stings make a cull.

"Black Leaf 40" with Summer-Oil stops codling moth. The combination is active—it kills adult moths, eggs and larvae by contact, fumes and vapors. Also exterminates green aphis, leaf-hopper, mites and crawling young scale.

"BLACK LEAF 40" IS SAFE. Not harmful to buds, foliage or fruit. Is not "dangerous" to use, either for man, horses or trees. Because it "fumes-off" (evaporates). "Black Leaf 40" leaves no residue problem.

"Black Leaf 40"

Sold by Spray Material Dealers

Tobacco By-Products & Chemical Corp.,

Incorporated

LOUISVILLE, KY.

PROGRAM

THURSDAY, JANUARY 3rd

2:00 p. m.

Increasing Organic Matter in Bearing Orchards
Dr. J. H. Gourley, Chairman, Department of Horticulture, Ohio State University, Columbus, Ohio.

2:50 p. m.

Important Practices in Producing a Good Crop of Peaches
Dr. F. P. Cullinan, Bureau of Plant Industry, U. S. Department of Agriculture, Washington, D. C.

3:40 p. m.

Our Experiences in Building Soil Organic Matter and Producing Good Crops of Peaches
Byron T. Roberts, Fruit Grower, Marlton, New Jersey

4:30 p. m.

The Maryland Spray Program for 1935
Dr. E. N. Cory, State Entomologist, University of Maryland, College Park, Maryland.

5:00 p. m.

Inspection of Exhibits

ANNUAL DINNER

THURSDAY NIGHT PROGRAM ON PAGE 24

NOTES

HARDIE

DEPENDABLE SPRAYERS

SELF OILED Plungers and Cylinders
Dust Proof Steel Hoods
Tank Coil Cooling Systems
Cut-Under Trucks

...and...

High Pressure

Many Sizes and Styles—Send for Catalog

HARDIE MANUFACTURING COMPANY

HUDSON, MICHIGAN

Branches:

Hagerstown, Md. Brockport, N. Y. Portland, Ore.
Los Angeles, Calif.

BASKETS

MARVIL PACKAGE COMPANY

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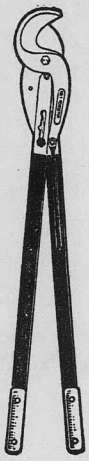
BASKETS

THE NEW 3 POWER PRUNER



No other brush cutting tool gives the same cutting power with easy pressure. No other brush cutter has the patented slide shift power slot. The Porter Forester is the most efficient two-hand brush cutting and pruning tool ever devised. Cuts easily, cuts clean, with no crushing or bark stripping. Has two sharp cutting blades. No dull hook.

HKP FORESTER

No. 1 Forester. 20" long cuts 1 3/16" green wood $4.25

No. 2 Forester. 27" long cuts 1 1/2" green wood 5.50
For heavy work in weeds, roadside clearing.

No. 3 Forester. 34" long cuts 2" green wood 7.00
Leaves a flat stump, has a long reach.
Extensively used in reforestation camps.

H. K. PORTER, Inc.
Everett, Mass.

The Bolt Clipper People *Established 50 Years*

Grabill Graders

Made in all sizes to fit the requirements of any Packing House

Hand or Power Drive

NEW — DIFFERENT — BETTER

GRABILL CLEANER AND POLISHER
A Combined Dry Brush and Cloth Cleaner for Apples and Peaches
STURDY — DEPENDABLE

Prices on Application

J. D. GRABILL

WOODSTOCK, VIRGINIA

WAYLAND

WASHING
DRYING
POLISHING and
GRADING
EQUIPMENT

—FOR—

Fruits and Vegetables

Original Exclusive Machines of Outstanding Popularity and Efficiency

◈

Wayland Machinery Company, Inc.

COVESVILLE -:- VIRGINIA

◈

Wayland Machinery Company (Canada) Ltd.

Hemmingford -:- Quebec

Use
"MAGNETIC" SULPHUR
Dust or Spray

and your crops will be top grade. Clean fruit from healthy trees bring top market prices. There is no need to gamble. Protect your investment against pests and fungus disease by using National Sulphurs. Backed by the oldest and largest refiners of sulphur in the world.
The standard for half a century.

"MAGNETIC SPRAY"

Wettable Sulphur
98½% Pure with ONLY 1½% wetting agent

"MAGNETIC"

Super-Adhesive Dusting Sulphur 99.8% Pure
Specially Sublimed and Extremely Fine
A grade of sulphur for every purpose.

NATIONAL SULPHUR CO., Inc.
420 Lexington Ave. **New York City**

Distributed by

HAGERSTOWN
Spray Material Company
HAGERSTOWN, MARYLAND

THURSDAY, JANUARY 3rd

ANNUAL DINNER

6:30 p. m.

Welcome

Dr. Raymond A. Pearson, President, University of Maryland

How the Agricultural Adjustment Act Effects the American Fruit Grower

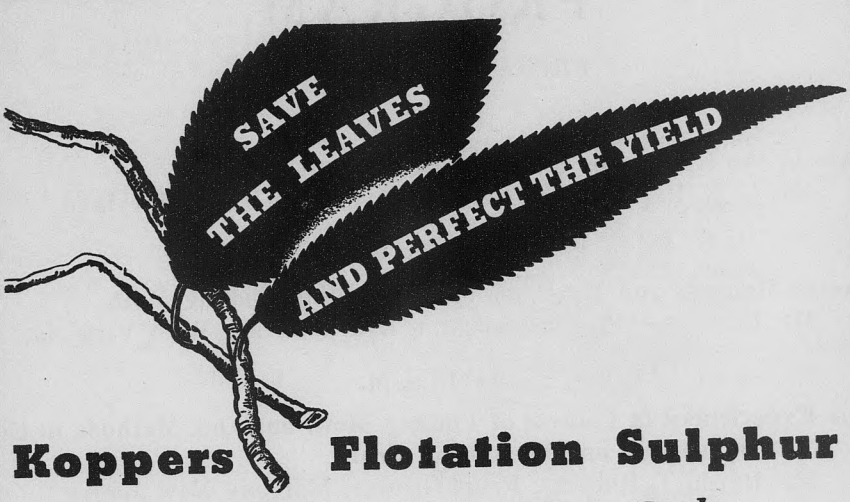
Mr. H. R. Tolley, Assistant Administrator, Agricultural Adjustment Act; Director, Program Planning Division, Washington, D. C.

Music

Stevenson's Orchestra
Male Quartette

FRIDAY MORNING PROGRAM ON PAGE 26

NOTES



Koppers Flotation Sulphur

Is the Fungicide that Does Both

Some sulphur spray materials protect against fungus attacks perfectly, but at the same time they damage or burn the foliage, reduce fruit set and mar or russet the finish... A damaged leaf is a crippled leaf and crippled leaves cannot produce the necessary food to make a large crop of No. 1 apples or peaches.

The fungicide you choose must do more than protect apples and peaches against scab and brown rot—it must also save your leaves from damage.

Koppers Flotation Sulphur does both. Its ultra-microscopic fineness and freedom from caustic will protect without injury. Use it and assure yourself finer finish and more of the profitable No. 1 grade fruit. Sold in Paste and Wettable Powder Forms.

KOPPERS PRODUCTS CO.

1253 Koppers Building · Pittsburgh, Pa.

NONE GENUINE WITHOUT THIS TRADEMARK
KOPPERS
FLOTATION SULPHUR

KOPPERS PRODUCTS CO.
1253 Koppers Bldg., Pittsburgh, Pa.

Please send me, free, a copy of your new 1935 Field Data Book.

Your Name .....

Address .....

.....

I Have.....Trees
(give number)

PROGRAM

FRIDAY, JANUARY 4th

10:00 a. m.

Care in the Harvesting and Packing of Fruit
Mr. C. E. Bryan, Fruit Grower, Havre de Grace, Maryland.

11:00 a. m.

Newer Methods and Materials for Controlling Codling Moth
Mr. Edwin Gould, Entomologist, Kearneysville, West Virginia.

11:45 a. m.

Our Experiences in Control of Codling Moth and Our Methods in the Harvesting and Packing of Fruit
Mr. Byron T. Roberts, Fruit Grower, Marlton, New Jersey.

Buffet Lunch in Horticultural Building

Inspection of Exhibits

FRIDAY AFTERNOON PROGRAM ON PAGE 30

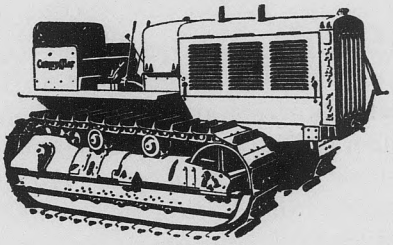
NOTES

Caterpillar
REG. U. S. PAT. OFF.

Diesel Tractors
Motors

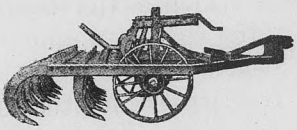
Gasoline
Tractors
and
Motors

USED—
Fordsons
Tioga
15-30 McCormick-Deering

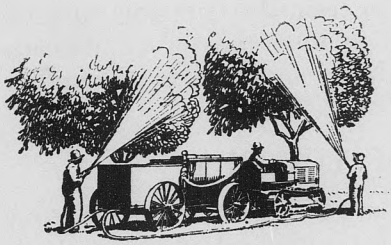


Jay Bee
Hammermill
Grinding Mills

Killifer

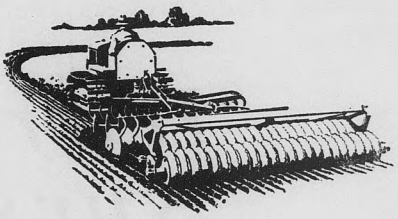


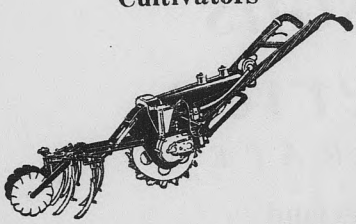
Subsoilers
Chisels
Disc-Harrows



HARDIE Sprayers

Gravely Mowers
Plows
Cultivators





ALBAN TRACTOR CO., Inc.
725-727 E. 25th STREET BALTIMORE, MARYLAND
Phone Belmont 7777-7778

HARRISON GROWN FRUIT TREES

HARRISONS' Quality Trees are nationally known, they are planted in every state in the Union and several foreign countries and have proven by experience to be true to name, heavy yielders, consistent croppers and to bear the best type of fruit of each variety. Leading orchardists throughout the Nation tell us our bud selected strains are better.

FRUIT TREES ARE SCARCE

There is a drastic shortage of fruit trees among the nurseries throughout the Nation, especially on apple and peach, and there is available for the orchardists far less fruit trees now than there has been in the past forty years. We are still in better position to take care of your needs than any other nursery although our supply is much smaller than normal.

LOOK BEFORE YOU BUY

Look at the trees before you buy and it will be to your advantage to come to Berlin. Be convinced of our methods of growing and quality of trees we are producing. The leading fruit growers prefer and plant HARRISONS' Trees.

Harrisons' Nurseries

INCORPORATED

Berlin, Maryland

Growers of Quality Fruit and Ornamental Nursery Products

McCORMICK-DEERING
ORCHARD TRACTORS

and

T20 TRACTORS

with

ORCHARD TOOLS

For Better Orchards

SOLD AND SERVICED EVERYWHERE

by

McCormick-Deering Dealers

International Harvester Company

OF AMERICA

BALTIMORE, MARYLAND

GENUINE

REPAIRS

PROGRAM

FRIDAY, JANUARY 4th

2:00 p. m.

Satisfactory Washing Methods for Spray Residue Removal in the East
Dr. J. H. Beaumont, Head, Department of Horticulture,
University of Maryland, College Park, Maryland.

3:00 p. m.

Preventing Possible Fruit Injuries Caused by Various Washing Methods
Dr. D. F. Fisher, Bureau of Plant Industry, U. S. Department of Agriculture, Washington, D. C.

4:00 p. m.

Our Experiences in Washing Fruit and Avoiding Injury
Mr. G. S. L. Carpenter, American Fruit Growers,
Hagerstown, Maryland.

MEETINGS ADJOURNED

ANNUAL MEETING

Maryland Farm Bureau Federation
Maryland Agricultural Society
and
Affiliated Farm Organizations
Lord Baltimore Hotel
Baltimore
January 8, 9, 10 and 11, 1935

NOTES

A superior FRUIT FERTILIZER

'AERO' *Granular* CYANAMID

BECAUSE—

It feeds trees evenly throughout season
It grows large dark-green leaves
It holds leaves on entire summer
It produces good set of fruit and fruit buds
It improves color of fruit
It increases yield

and Because—

It is the only nitrogen fertilizer that carries hydrated lime to sweeten the soil.

ONE TON OF 'AERO' CYANAMID SUPPLIES 1400 POUNDS OF HYDRATED LIME IN ADDITION TO 440 POUNDS OF NITROGEN

For further information, write

AMERICAN CYANAMID COMPANY

Manufacturers of 'Aero' Cyanamid and 'Ammo-Phos'

535 FIFTH AVENUE NEW YORK, N. Y.

Cyanamid is NITROGEN plus LIME

MECHLING'S

DORMANT SPRAYS

Mechling's Tar Oil for Aphis

Mechling's Mineral Tar Oil for Aphis, Red Mite and Scale

DELAYED DORMANT SPRAYS

Mechling's Scale Oil for Aphis, Red Mite and Scale

Mechling's Stabilized Oil Emulsion for Red Mite and Scale will combine with Lime Sulphur and Bordeaux Mixture

---

Thirty Other Materials—for Every Need of the Fruit and Vegetable Grower

---

Mechling's Rotenone Sulphur Dusting Mixture a non-poisonous insecticide and fungicide for beans, cabbage, etc.

MECHLING BROS. CHEMICAL CO.
CAMDEN, N.J.
Est. 1869

Will The

FRUIT GROWERS

PLANT FOR THE FUTURE

With millions of trees in the SOUTH and the Far NORTHERN states going out of production from disease and Winter injury it looks like:—

BETTER DAYS ARE AHEAD

for the fruit growers. Plant this year before fruit tree prices advance and plant the leaders for future markets.

RICHARED DELICIOUS *BLAXTAYMAN* *GALLIA BEAUTY*
RED ROME *THE McINTOSH HYBRIDS APPLES*
GOLDEN JUBILEE *SOUTH HAVEN* *SHIPPERS LATE RED*
PEACHES

There is a general shortage of fruit trees this year. Prices are advancing and it will be to your advantage to buy promptly. We are fortunate in having one of the largest lots of APPLE and PEACH trees in the East. We invite you to come and see them and buy them.

FOR GREATER PROFITS IN TRUCK FARMING
—PLANT—

DORSETT and FAIRFAX STRAWBERRIES
LATHAM and CHIEF RASPBERRIES
GRAPES and ASPARAGUS

WE SPECIALIZE IN THE PRODUCTION OF FRUIT TREES, BERRY PLANTS and ASPARAGUS.

We have a complete line of all classes of fruits and ornamentals including SPECIMEN EVERGREENS and SHADE TREES and RHODODENDRONS. All are as good as it is possible to produce.

Our prices are based on selling direct to the planters

Write for FREE CATALOGUE, send us your list for quotations

—and buy from—

Bountiful Ridge Nurseries

PRINCESS ANNE -:- MARYLAND

The home of good nursery stock at reasonable Prices

COLD WINTER?

We may or may not have as cold a winter as has been predicted, but in any event

YOU CAN REST ASSURED

—that—

SCALECIDE or PRATT'S TAR OIL SPRAYS

may be used with

SAFETY and GREAT BENEFIT

Following the extremely cold weather this past winter (1933-34) a large N. Y. State Fruit Grower remarked: *"I have used Scalecide off and on for* 25 *years, but this is the first time that I could check positively on* the extra value *in Scalecide."* This extra value does not always show on the surface, but it does when the pinch comes.

Scalecide kills a large percentage of the over wintering codling moth larvae on your trees—while cleaning up Scale, Aphis, Red Mite, etc., and invigorating your trees.

How much does Scalecide cost?

B. G. PRATT CO.

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